



## GSTT1/4 Polyclonal Antibody

Catalog No         BYab-02649           Isotype         IgG           Reactivity         Human,Rat;Mouse;           Applications         WB;ELISA           Gene Name         GSTT1/GSTT4           Protein Name         Glutathione S-transferase theta-1/Glutathione S-transferase theta-4           Immunogen         The antiserum was produced against synthesized peptide derived from human GSTT1/4. An range:10-59           Specificity         GSTT1/4 Polyclonal Antibody detects endogenous levels of GSTT1/4 protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Polyclonal, Rabbit, IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-promatography using epitope-specific immunogen.           Dilution         Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         GSTT1; Glutathione S-transferase theta-1; GST class-theta-1; Glutathione transferase T1-1; GSTT4; Glutathione S-transferase theta-4; GST class-theta-4           Observed Band         30kD           Cell Pathway         Cytoplasm.           Tissue Specificity         Found in erythrocyte. Expressed at low levels		
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	phenotype can catalyze the glutathione conjugation of dichloromethane.,similarity:Belongs to the GST superfamily. Theta family.,similarity:Contains 1 GST C-terminal domain.,similarity:Contains 1 GST N-terminal domain.,subunit:Homodimer.,tissue s
Background	The protein encoded by this gene, glutathione S-transferase (GST) theta 1 (GSTT1), is a member of a superfamily of proteins that catalyze the conjugation of reduced glutathione to a variety of electrophilic and hydrophobic compounds. Human GSTs can be divided into five main classes: alpha, mu, pi, theta, and zeta. The theta class includes GSTT1, GSTT2, and GSTT2B. GSTT1 and GSTT2/GSTT2B share 55% amino acid sequence identity and may play a role in human carcinogenesis. The GSTT1 gene is haplotype-specific and is absent from 38% of the population. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Sep 2015],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.





## **Products Images**

